

10/518905 #2
01 Rec'd PCT/PT^ 23 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
HOLDEN et al.

Atty. Ref.: 540-543

Serial No. unknown

TC/A.U.: unknown

Filed: December 23, 2004

Examiner: Unknown

For: BAE SYSTEMS PLC

* * * * *

December 23, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. A copy of each listed reference is attached.

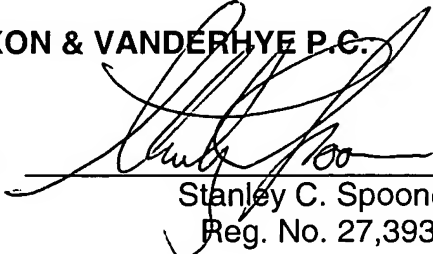
This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYTE P.C.

By: _____



Stanley C. Spooner
Reg. No. 27,393

SCS:alb
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

SERIAL NO.

540-543

unknown 10/518905

APPLICANT

HOLDEN et al.

(Use several sheets if necessary)

FILING DATE

TC/A.U.

December 23, 2004

unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
0 257 934	03/02/1988	EP	G06F	15/20	
197 42 906 A1	05/06/1999	DE	G06F	17/50	x

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	KIANG et al., "An Evaluation of Self-Organizing Map Networks as a Robust Alternative to Factor Analysis in Data Mining Applications", Information Systems Research, June 2001, Vol. 12, Issue 2
	CHEN et al., "An Efficient two-staged approach for generating block layouts", Computers and Operations Research, Vol. 29, Issue 5, April 2002
	PHAN et al., "Application of a dual kriging to structural shape optimization based on the boundary contour method", Vol. 68, No. 7-8, August 1998
	EL-BELTAGY et al., "Topographical Mapping assisted Evolutionary Search for Multilevel Optimization", Proceedings of the 1999 Congress on Evolutionary Computation-CEC99, Washington, DC, USA, July 1999, XP-002270681
	HOLDEN, et al., "Optimization Methodologies In Conceptual Design", Proc. 9 th AIAA/ISSMO Symp. on Multidisciplinary Analysis and Optimization, 2002, pgs. 1142-1152, XP009026008
	TINO et al., "Hierarchical GTM: Constructing Localized Nonlinear Projection Manifolds in a Principled Way", IEEE Transaction on Pattern Analysis and Machine Intelligence, Vol. 24, No. 5, May 2002, XP-001141214
	ORNES, et al., "A neural network that visualizes what it classifies", Pattern Recognition Letters, Vol. 18, 1997, Pgs. 1301-1306
	GB Search Report of GB 0323848.2
	EP Search Report of EP 03 25 6422
	GB Search Report of GB 0408529.6

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.